Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
Data File : VV037358.D
Acq On : 19 Sep 2024 01:55
Operator : SY/MD
Sample : P3986-20 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 04:01:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	308935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	312879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	143356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100391	5.539	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.800%			
7) Chloroethane-d5	1.529	69	85442	4.522	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.400%			
11) 1,1-Dichloroethene-d2	2.053	65	43842	4.684	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.600%			
20) 2-Butanone-d5	3.812	46	243394	44.935	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.880%			
24) Chloroform-d	4.243	84	195083	4.433	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
26) 1,2-Dichloroethane-d4	4.941	65	95899	4.654	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	4.953	84	383880	4.576	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
36) 1,2-Dichloropropane-d6	5.986	67	123026	4.716	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.240	98	331910	4.391	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.800%			
43) trans-1,3-Dichloroprop...	7.561	79	32202	3.753	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.000%			
46) 2-Hexanone-d5	8.024	63	189727	45.253	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.500%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99813	4.694	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	11.558	152	125031	4.906	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	13595	0.452	ug/L #	31
8) Chloroethane	1.278	64	7434	0.411	ug/L	89
12) 1,1-Dichloroethene	2.066	96	5887	0.272	ug/L #	1
16) Methylene chloride	2.446	84	4187	0.168	ug/L	95
19) 1,1-Dichloroethane	3.114	63	16635	0.382	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	71770	2.915	ug/L	99
34) Trichloroethene	5.847	95	5705	0.225	ug/L	92
35) Methylcyclohexane	5.986	83	28938	0.749	ug/L #	19
61) 1,2,3-Trichloropropane	11.182	75	17589	1.348	ug/L #	63

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

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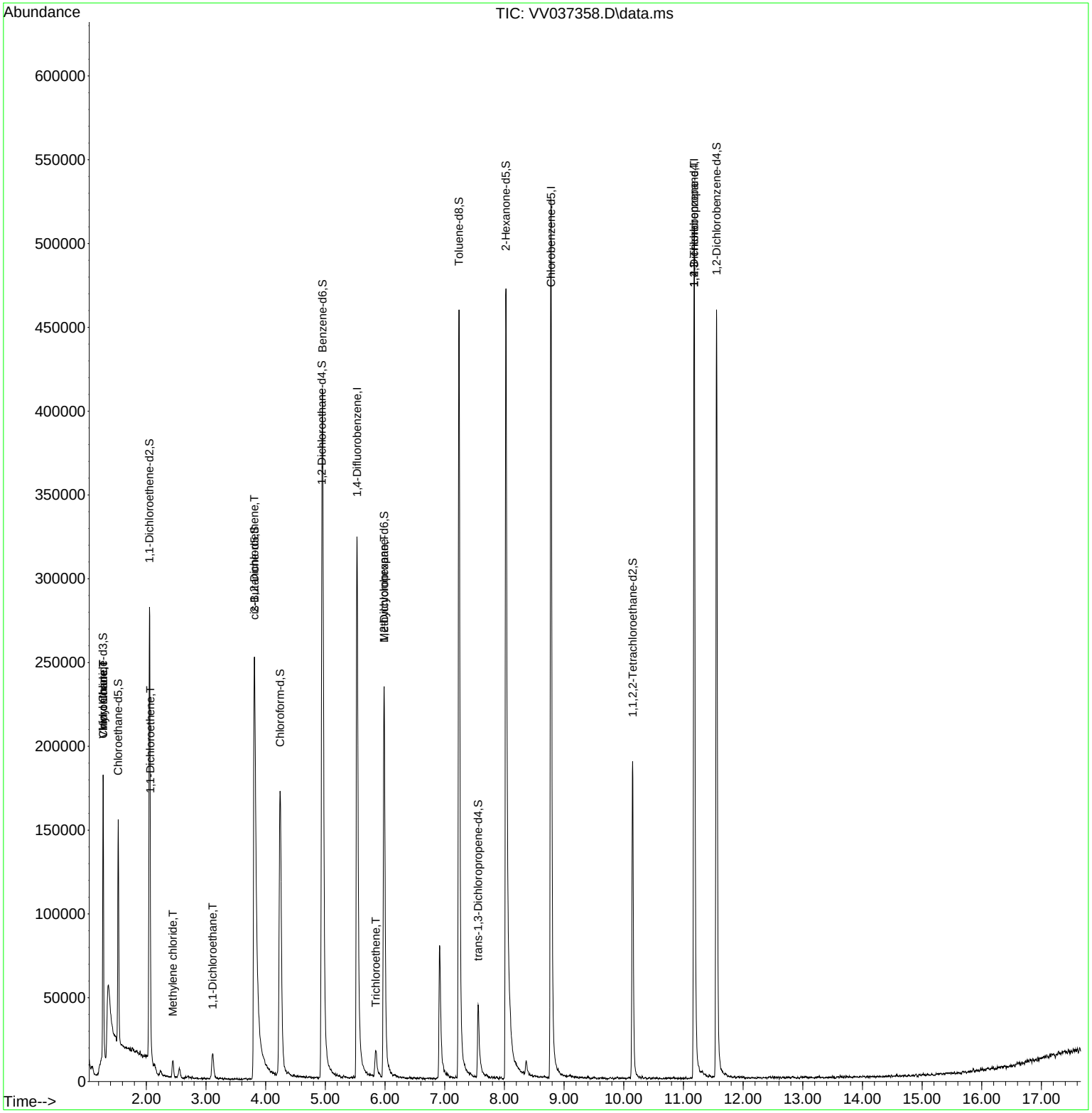
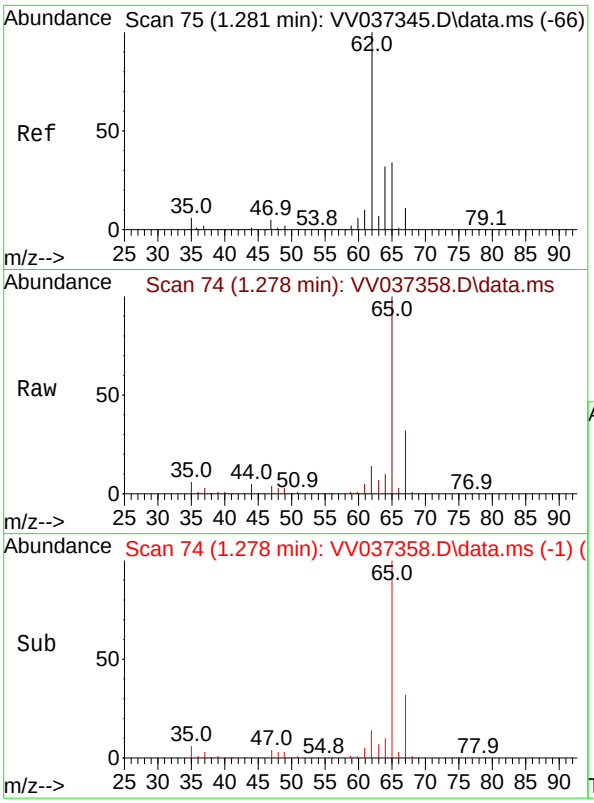
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration



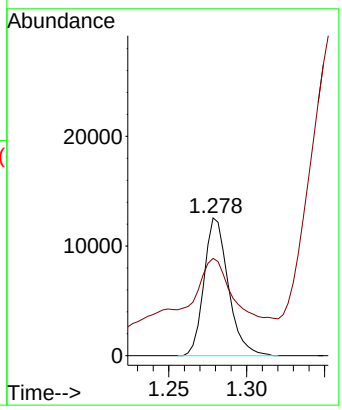


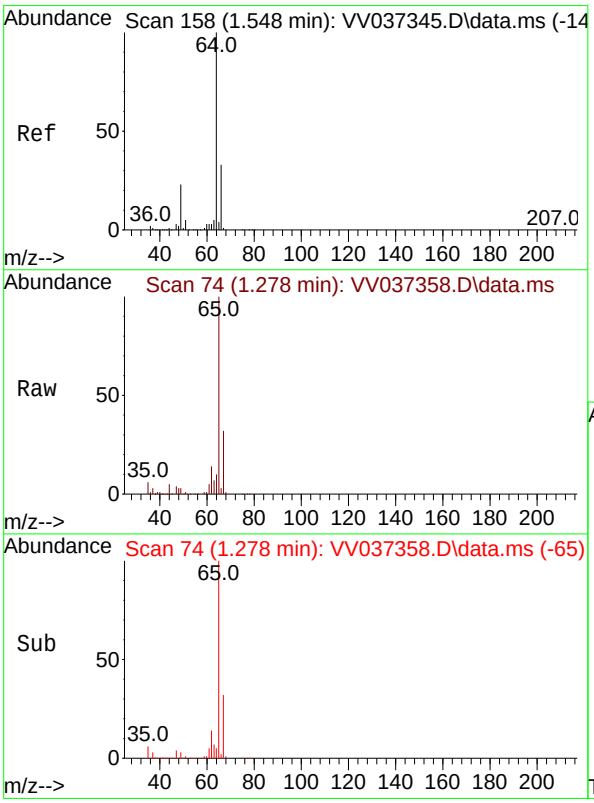
#5
Vinyl chloride
Concen: 0.452 ug/L
RT: 1.278 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 13595

Ion	Ratio	Lower	Upper
62	100		
64	70.6	22.4	41.6#

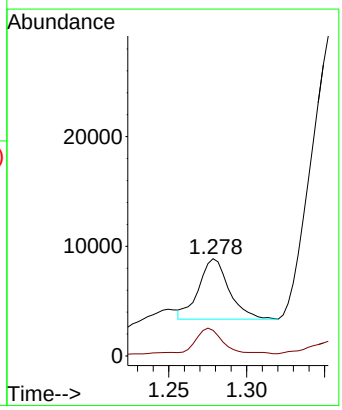


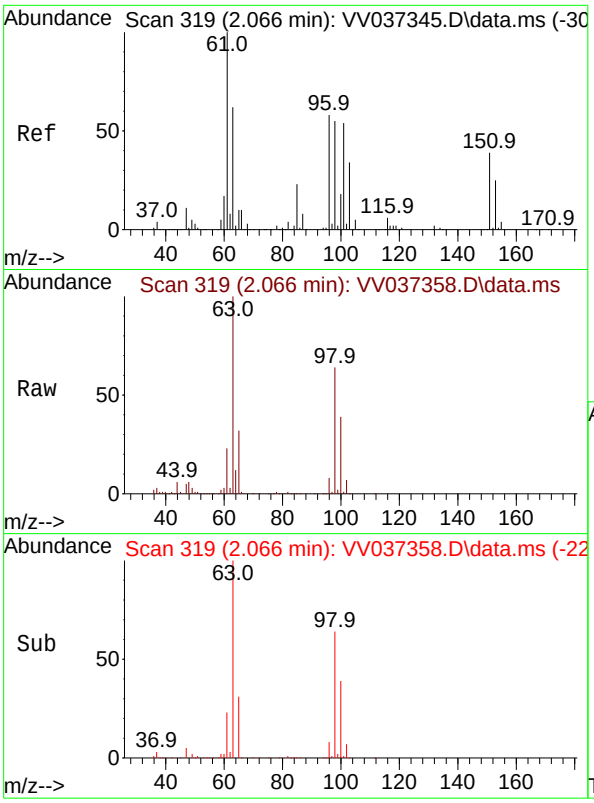


#8
Chloroethane
Concen: 0.411 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.270 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Tgt Ion: 64 Resp: 7434

Ion	Ratio	Lower	Upper
64	100		
66	26.4	22.7	42.1



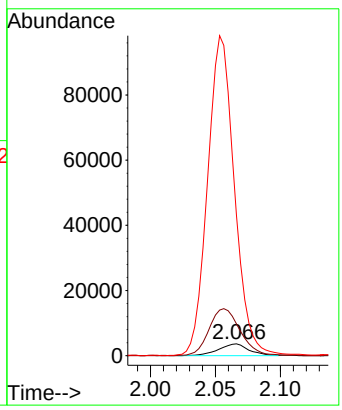


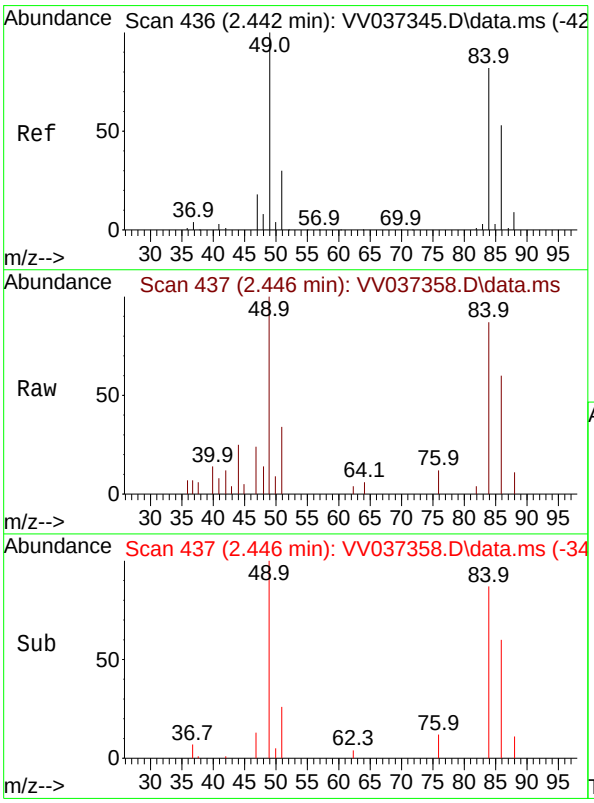
#12
1,1-Dichloroethene
Concen: 0.272 ug/L
RT: 2.066 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 5887

Ion	Ratio	Lower	Upper
96	100		
61	270.0	119.9	222.7#
63	1191.1	81.4	151.2#

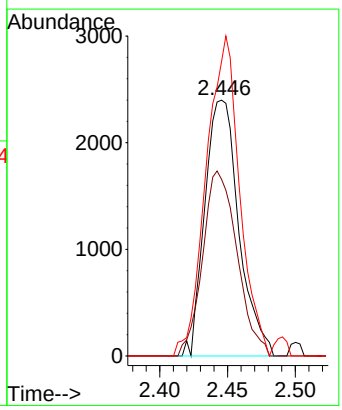


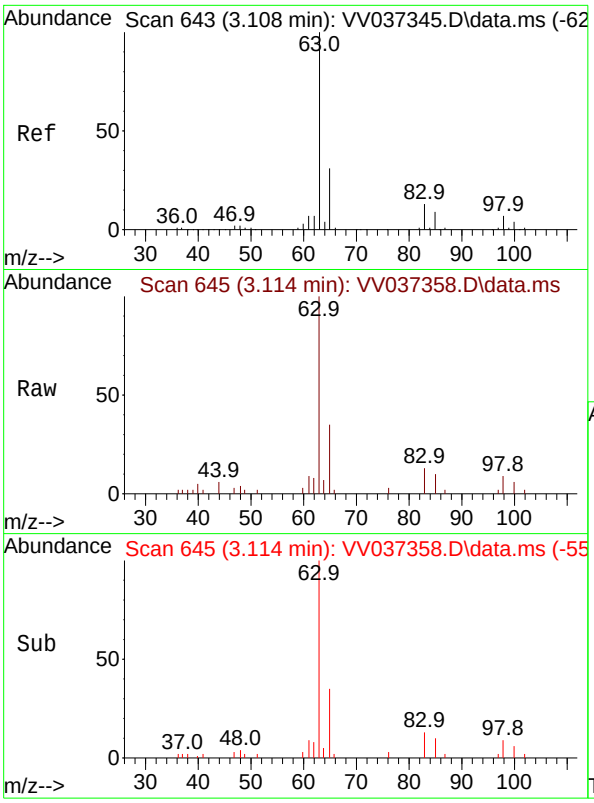


#16
Methylene chloride
Concen: 0.168 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Tgt Ion: 84 Resp: 4187

Ion	Ratio	Lower	Upper
84	100		
86	69.0	44.0	81.8
49	115.0	83.0	154.1



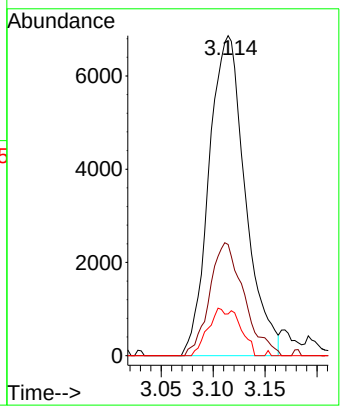


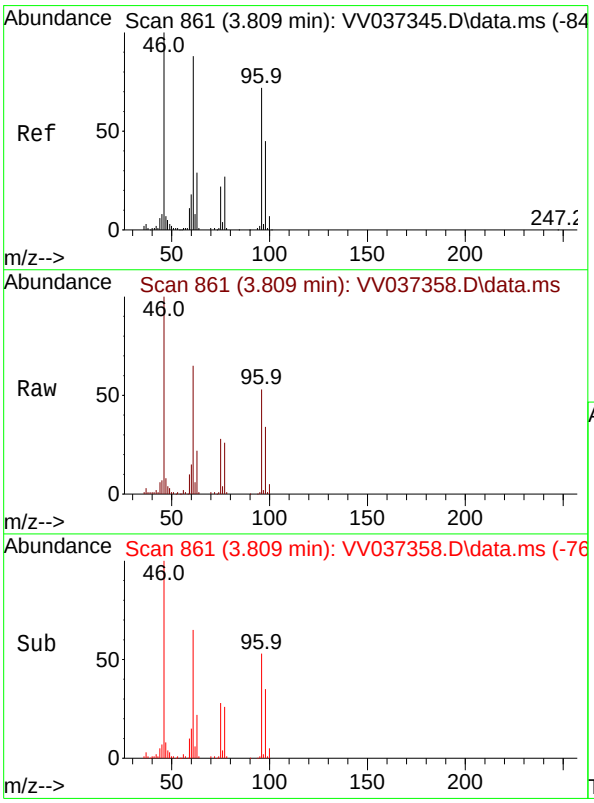
#19
1,1-Dichloroethane
Concen: 0.382 ug/L
RT: 3.114 min Scan# 6
Delta R.T. 0.007 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 16635

Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.7
83	12.2	8.9	16.5

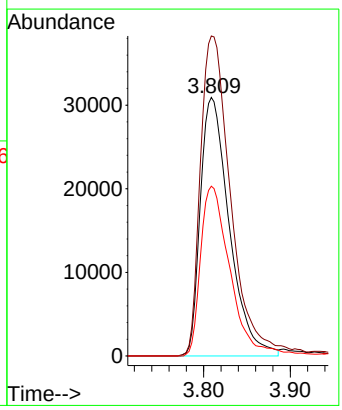


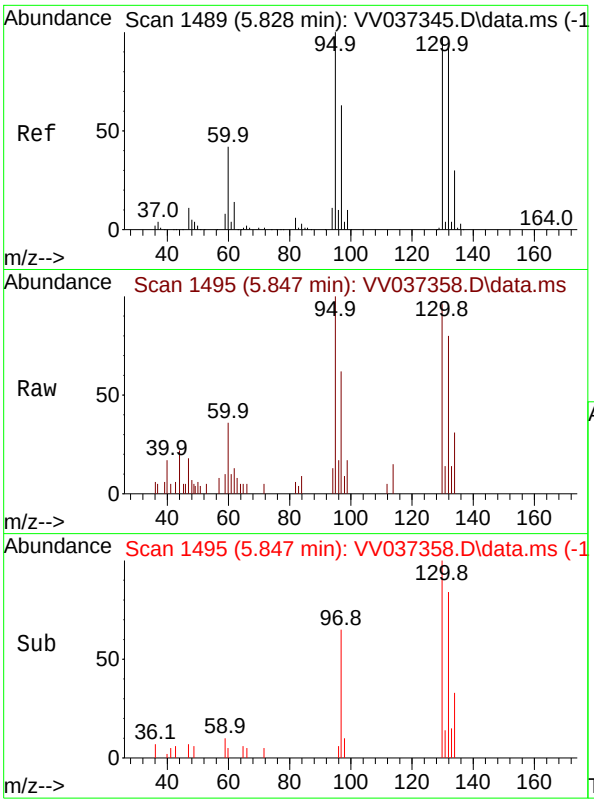


#22
cis-1,2-Dichloroethene
Concen: 2.915 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Tgt Ion: 96 Resp: 71770

Ion	Ratio	Lower	Upper
96	100		
61	123.8	87.6	162.6
98	65.6	44.9	83.5



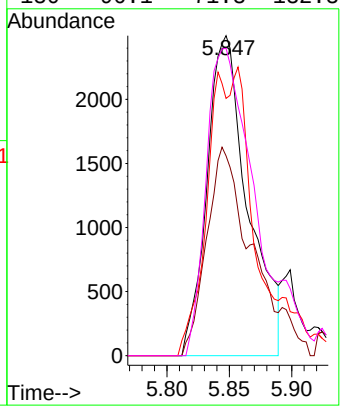


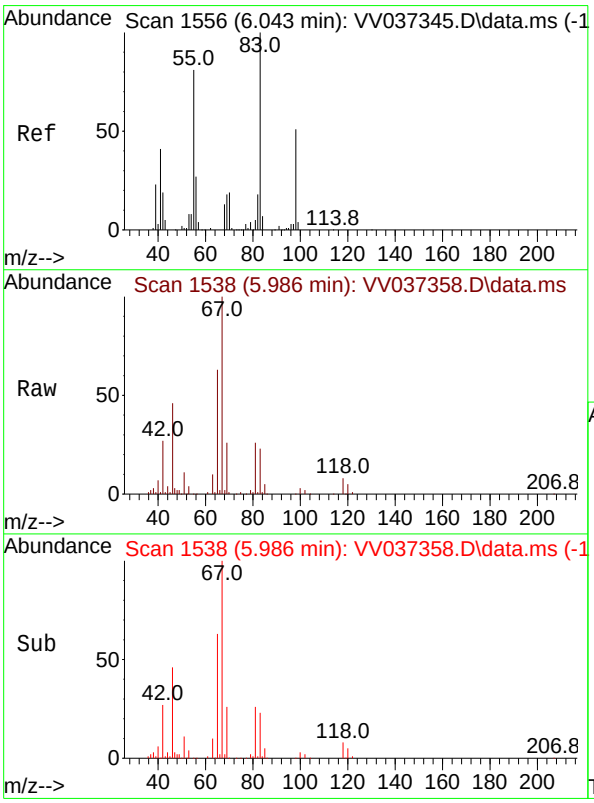
#34
Trichloroethene
Concen: 0.225 ug/L
RT: 5.847 min Scan# 14
Delta R.T. 0.019 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5705

Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.5	86.5
132	80.4	65.5	121.7
130	96.1	71.3	132.3

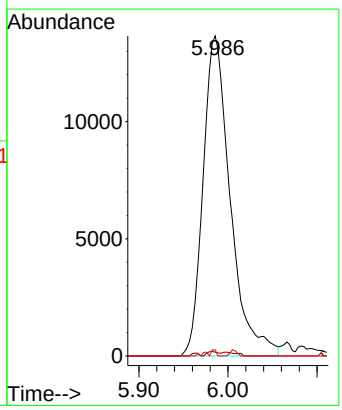


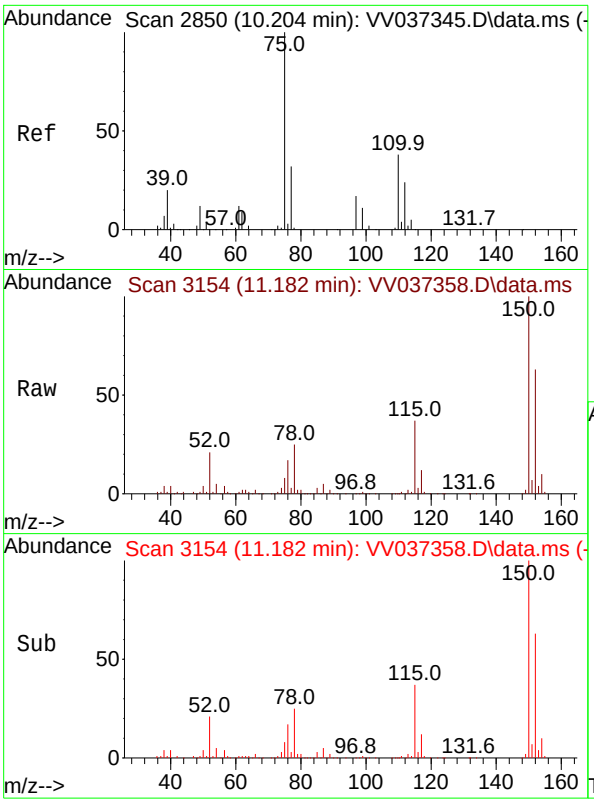


#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Tgt Ion: 83 Resp: 28938

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.3	90.5#
98	0.6	38.2	57.4#





#61
1,2,3-Trichloropropane
Concen: 1.348 ug/L
RT: 11.182 min Scan# 3
Delta R.T. 0.978 min
Lab File: VV037358.D
Acq: 19 Sep 2024 01:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 17589

Ion	Ratio	Lower	Upper
75	100		
77	38.0	25.6	38.4
110	2.9	31.0	46.4#